Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022519\
Data File : VX007681.D
Acq On : 25 Feb 2019 18:33
Operator : JC/SP
Sample : K1578-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BP-VPB201-GW-300-302

Quant Time: Feb 26 02:23:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	575532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	536921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	205556	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.98%			
35) Dibromofluoromethane	5.51	113	189791	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
50) Toluene-d8	8.71	98	688718	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.52%			
62) 4-Bromofluorobenzene	11.13	95	233768	43.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4604	1.491	ug/l	99
5) Bromomethane	1.66	94	561	Below Cal	#	60
7) Trichlorofluoromethane	1.94	101	85540	15.889	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4427	1.361	ug/l #	87
11) Tert butyl alcohol	3.12	59	236	0.299	ug/l #	1
12) 1,1-Dichloroethene	2.38	96	27459	9.362	ug/l	98
13) Acrolein	2.29	56	630	0.900	ug/l	97
15) Acrylonitrile	3.15	53	899	0.485	ug/l	94
16) Acetone	2.45	43	8672	4.695	ug/l	99
17) Carbon Disulfide	2.57	76	1643	0.201	ug/l #	90
18) Methyl Acetate	2.79	43	1499	0.372	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	8809	0.862	ug/l	96
24) 1,1-Dichloroethane	3.70	63	7171	1.169	ug/l #	86
25) 2-Butanone	4.71	43	2256	0.802	ug/l #	30
27) cis-1,2-Dichloroethene	4.60	96	2582	0.636	ug/l	74
30) Chloroform	5.22	83	14716	2.239	ug/l #	82
32) 1,1,1-Trichloroethane	5.50	97	5143	0.946	ug/l #	43
36) 1,1-Dichloropropene	5.67	75	22420	4.333	ug/l #	49
38) Carbon Tetrachloride	5.67	117	30308	5.831	ug/l #	17
44) Trichloroethene	7.21	130	54841	12.481	ug/l	93
49) 1,4-Dioxane	7.76	88	1977	19.740	ug/l #	83
53) t-1,3-Dichloropropene	9.04	75	224	2.837	ug/l #	32
55) 1,1,2-Trichloroethane	9.22	97	1404	0.334	ug/l #	52
59) 2-Hexanone	9.58	43	2014	0.433	ug/l	64
60) Dibromochloromethane	9.34	129	81994	20.288	ug/l #	12
64) Tetrachloroethene	9.34	164	86526	19.851	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	114292	22.104	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	114292	58.678	ug/l #	9

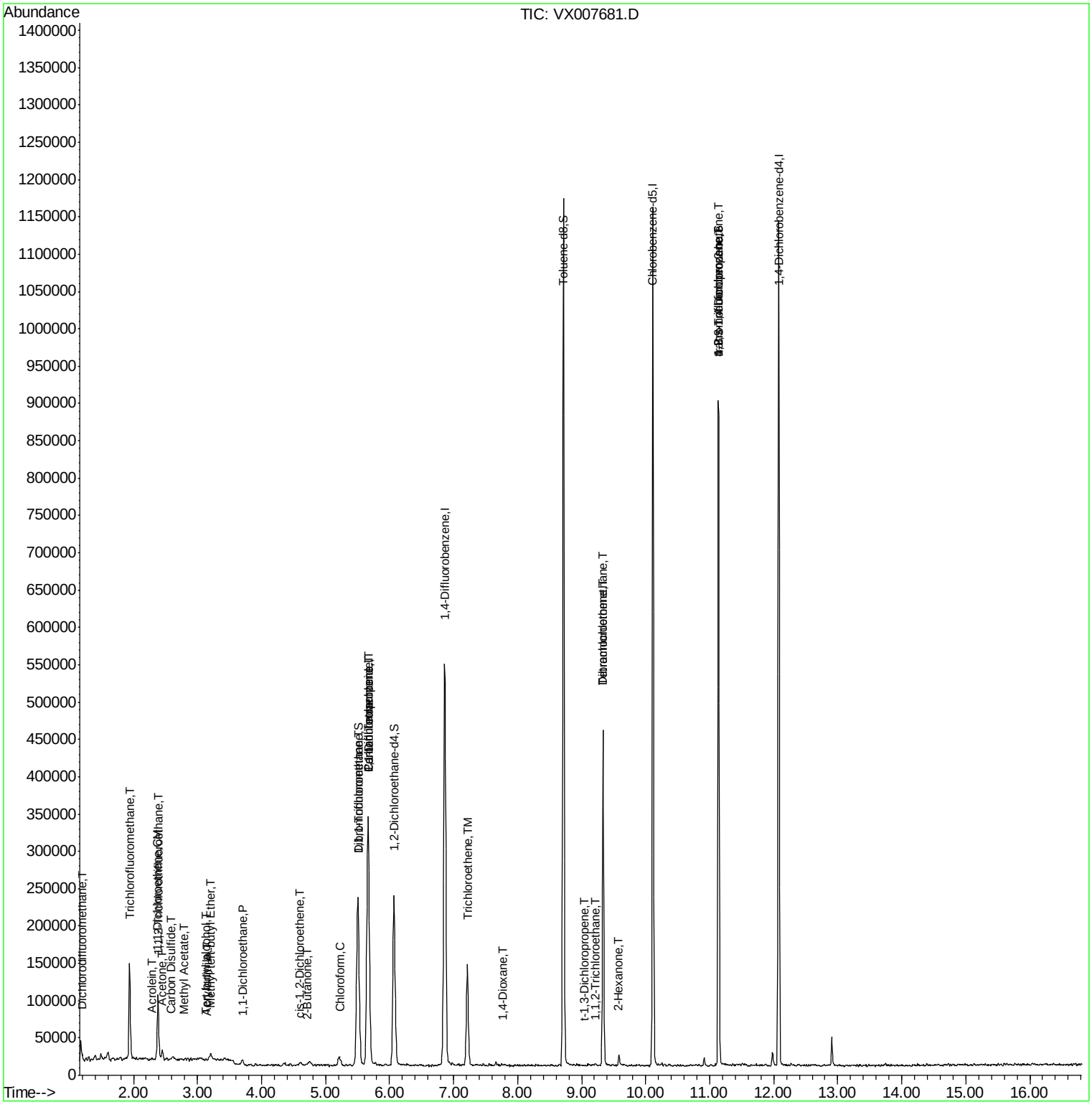
(#) = qualifier out of range (m) = manual integration (+) = signals summed

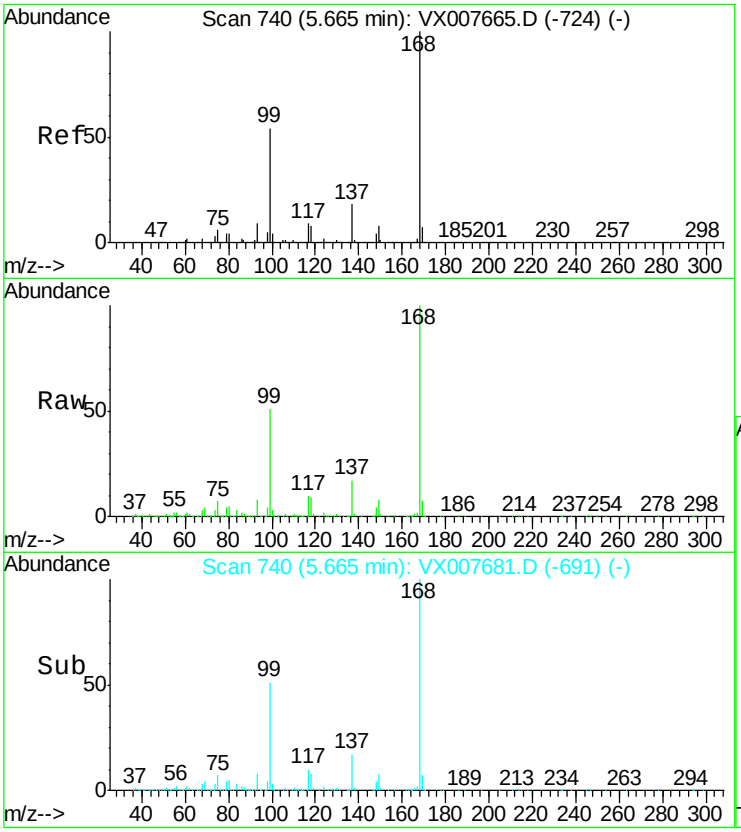
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022519\
Data File : VX007681.D
Acq On : 25 Feb 2019 18:33
Operator : JC/SP
Sample : K1578-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Quant Time: Feb 26 02:23:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration



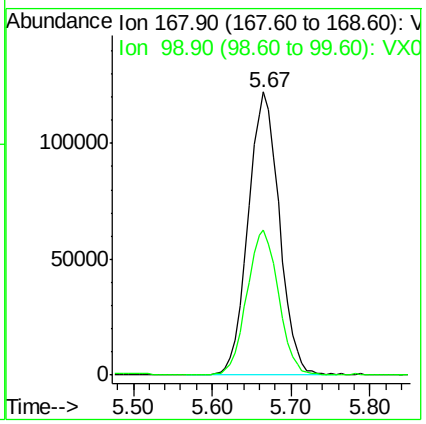


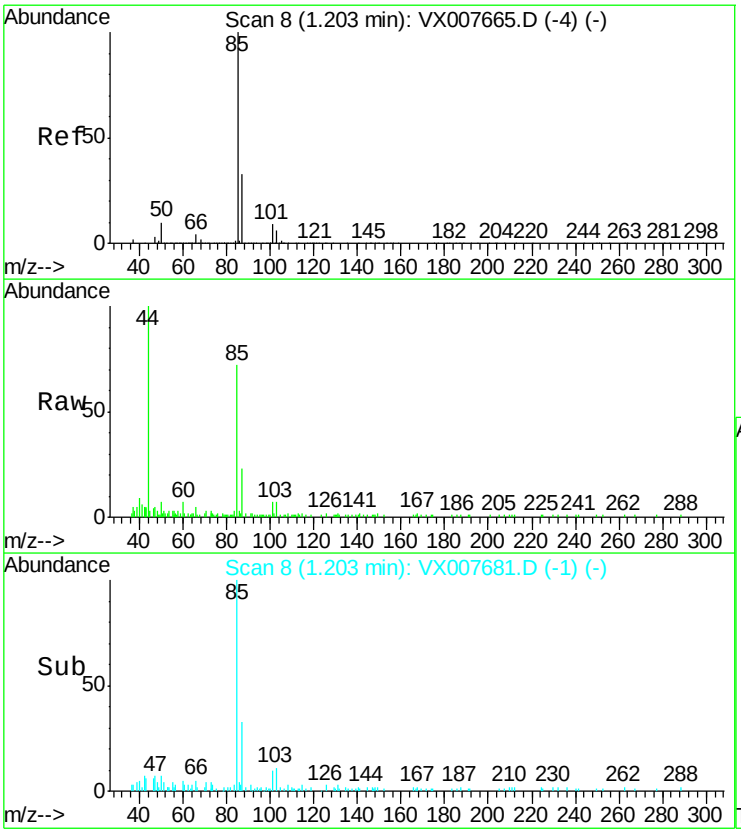
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion:168 Resp: 335307

Ion	Ratio	Lower	Upper
168	100		
99	51.0	37.9	56.9

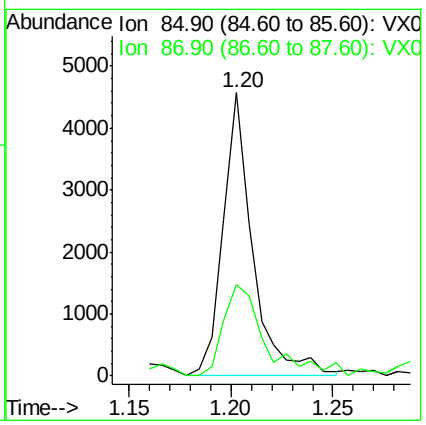


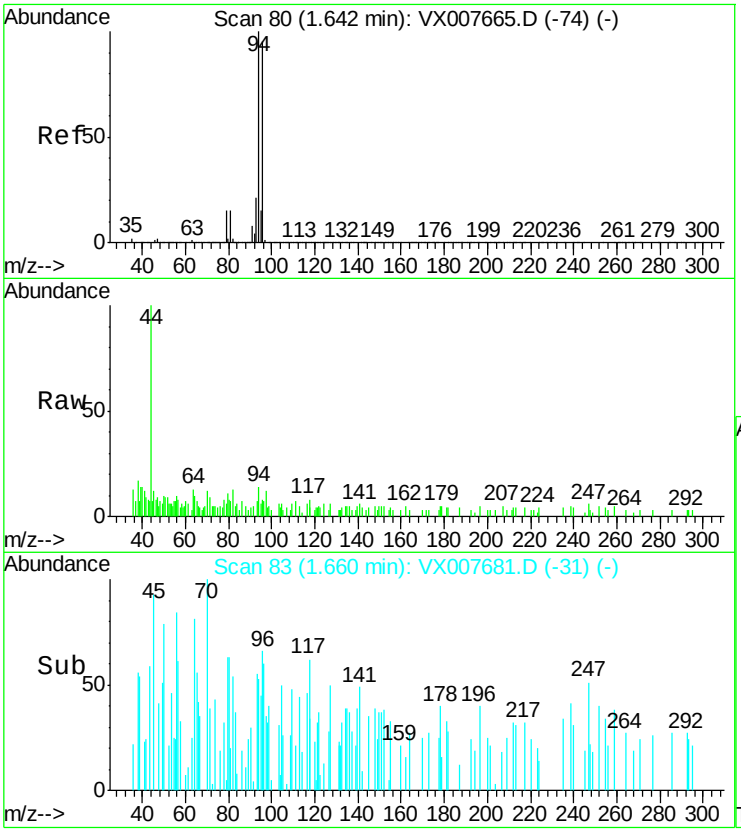


#2
Dichlorodifluoromethane
Concen: 1.491 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 85 Resp: 4604

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.4



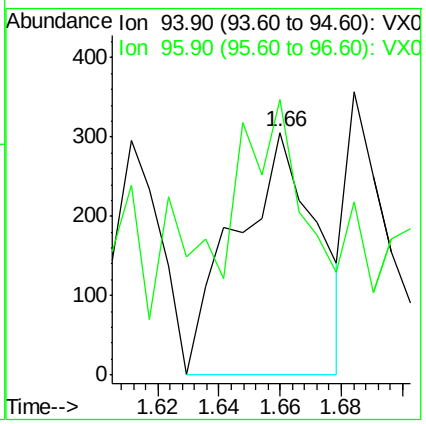


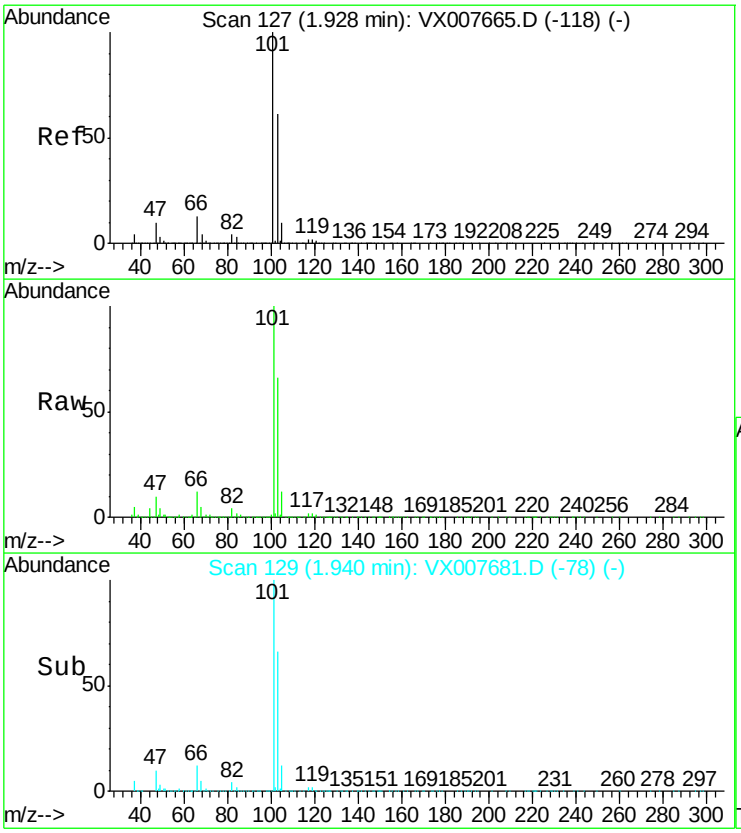
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 94 Resp: 561

Ion	Ratio	Lower	Upper
94	100		
96	130.7	73.9	110.9#

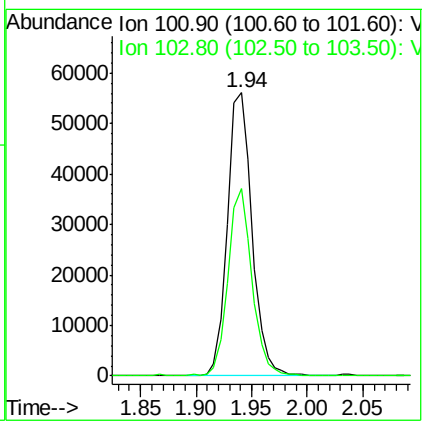


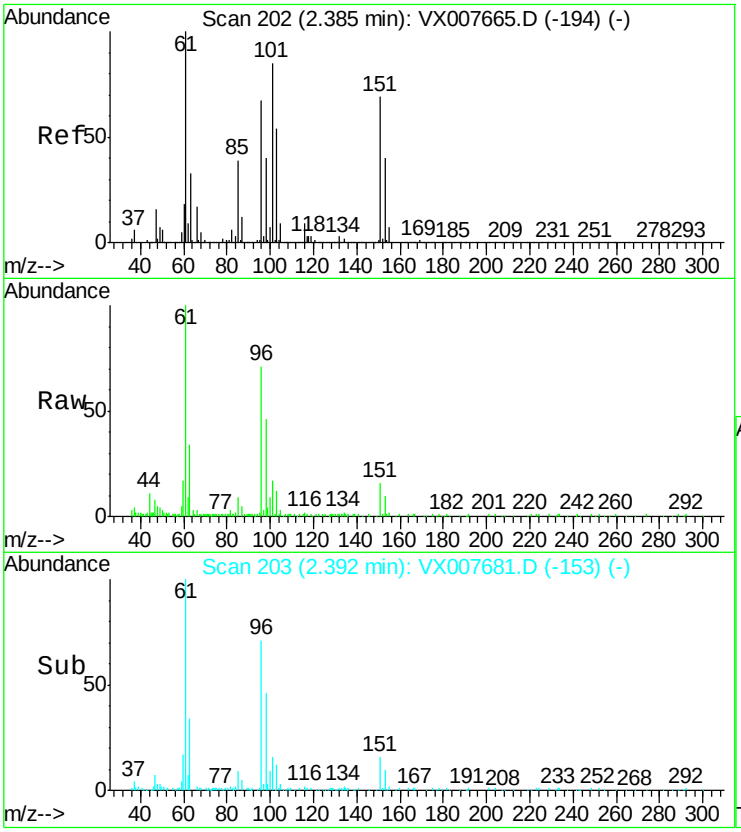


#7
Trichlorofluoromethane
Concen: 15.889 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion:101 Resp: 85540

Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.6	79.0



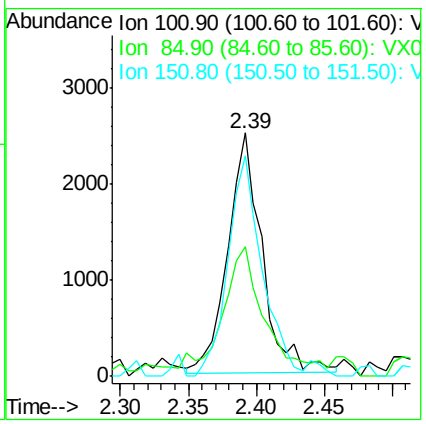


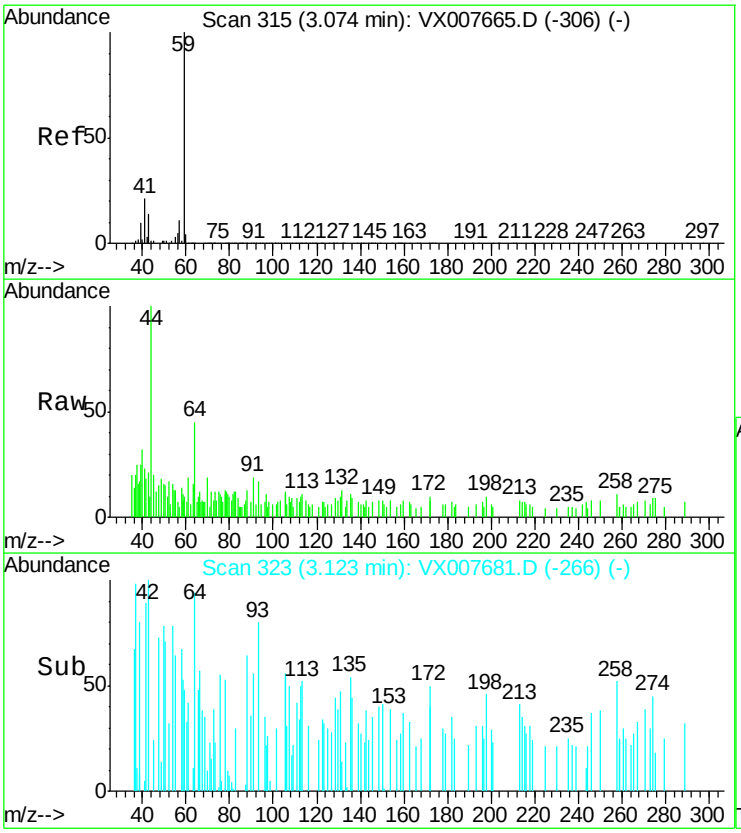
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.361 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion:101 Resp: 4427

Ion	Ratio	Lower	Upper
101	100		
85	63.3	34.1	51.1#
151	90.5	69.9	104.9

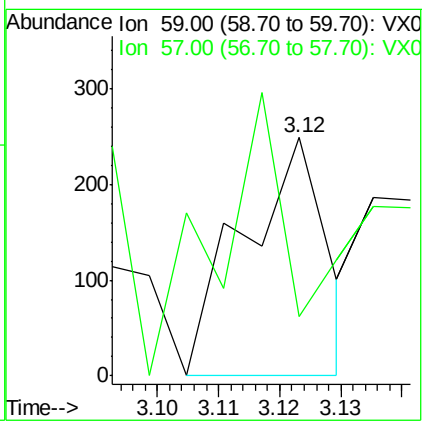


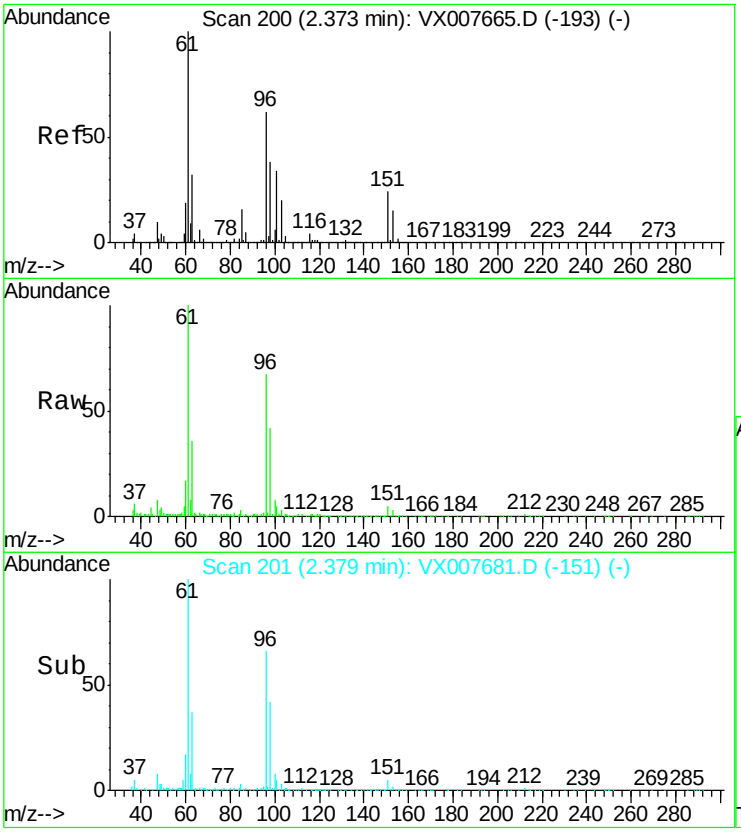


#11
Tert butyl alcohol
Concen: 0.299 ug/l
RT: 3.12 min Scan# 323
Delta R.T. 0.05 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 59 Resp: 236

Ion	Ratio	Lower	Upper
59	100		
57	114.8	8.1	12.1#



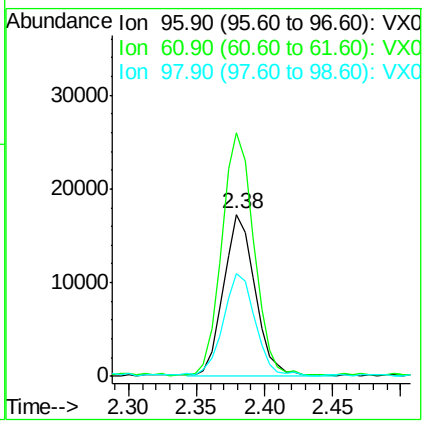


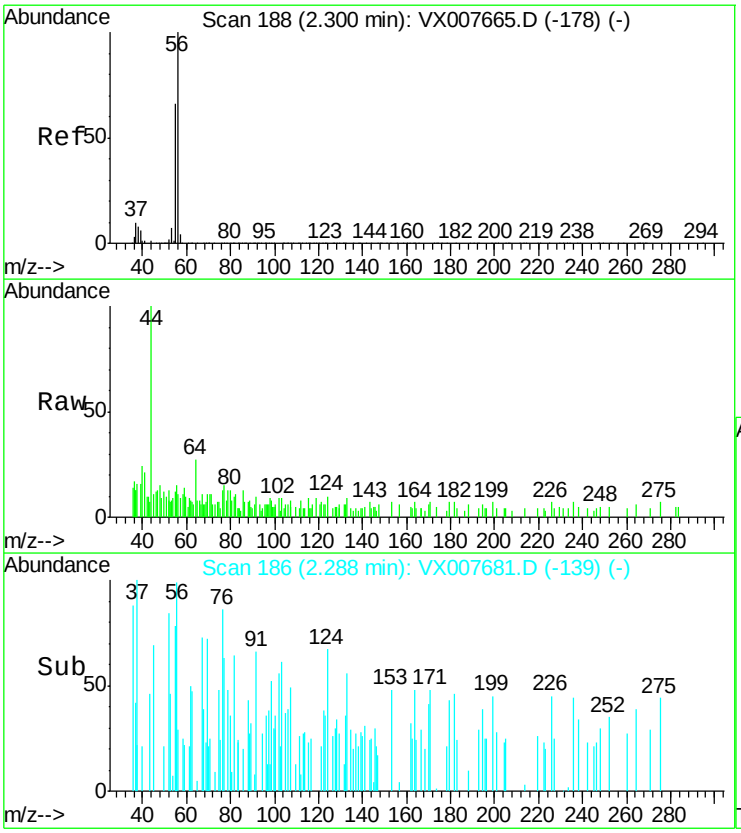
#12
1,1-Dichloroethene
Concen: 9.362 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 96 Resp: 27459

Ion	Ratio	Lower	Upper
96	100		
61	150.4	123.0	184.4
98	62.9	50.9	76.3

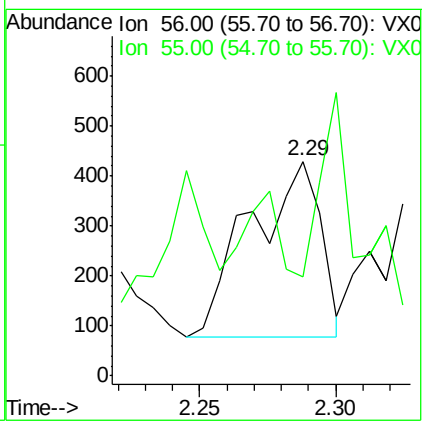


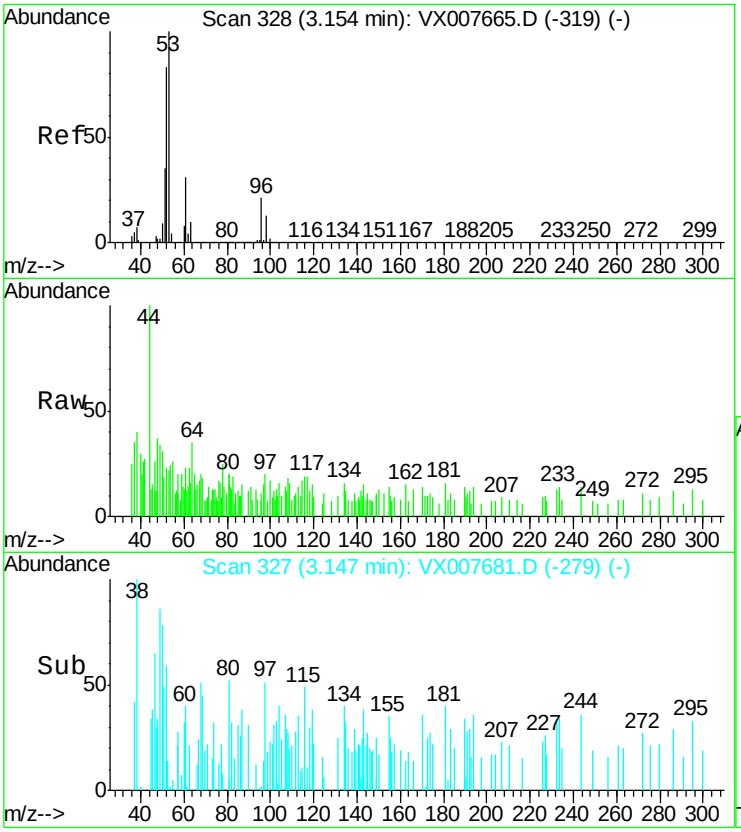


#13
Acrolein
Concen: 0.900 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 56 Resp: 630

Ion	Ratio	Lower	Upper
56	100		
55	73.5	56.9	85.3



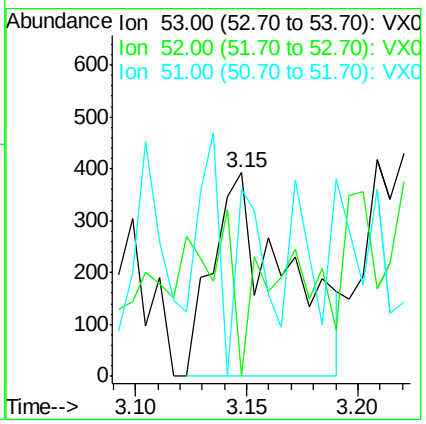


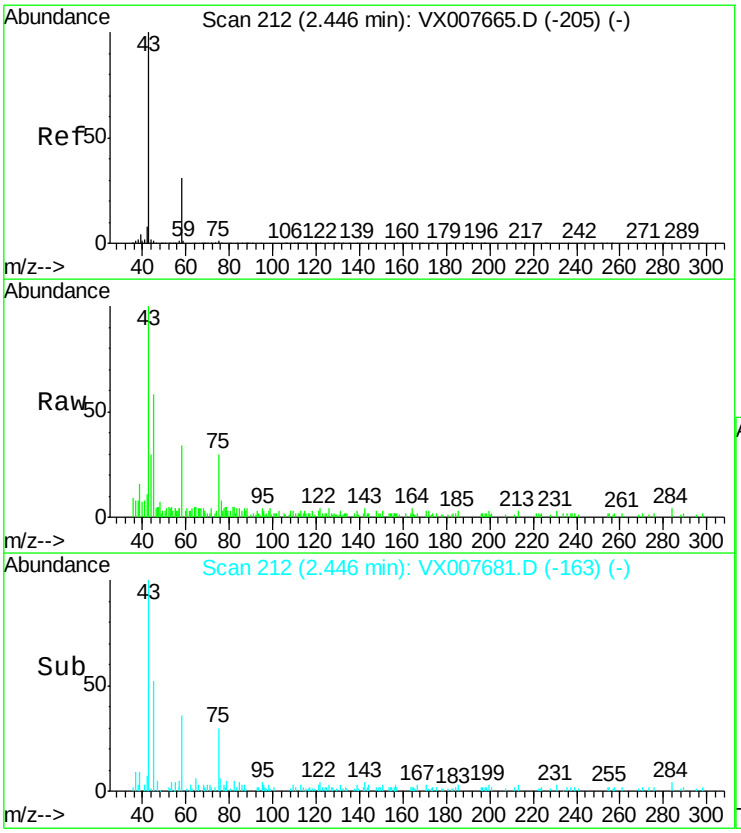
#15
Acrylonitrile
Concen: 0.485 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 53 Resp: 899

Ion	Ratio	Lower	Upper
53	100		
52	77.4	66.4	99.6
51	37.9	28.4	42.6

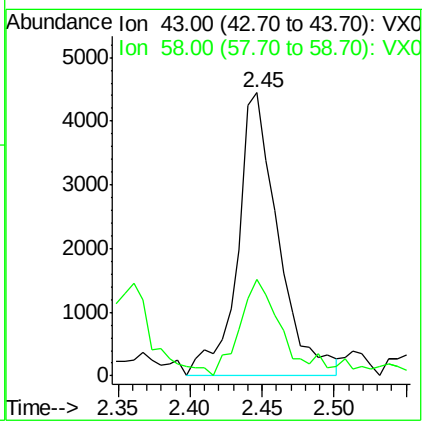


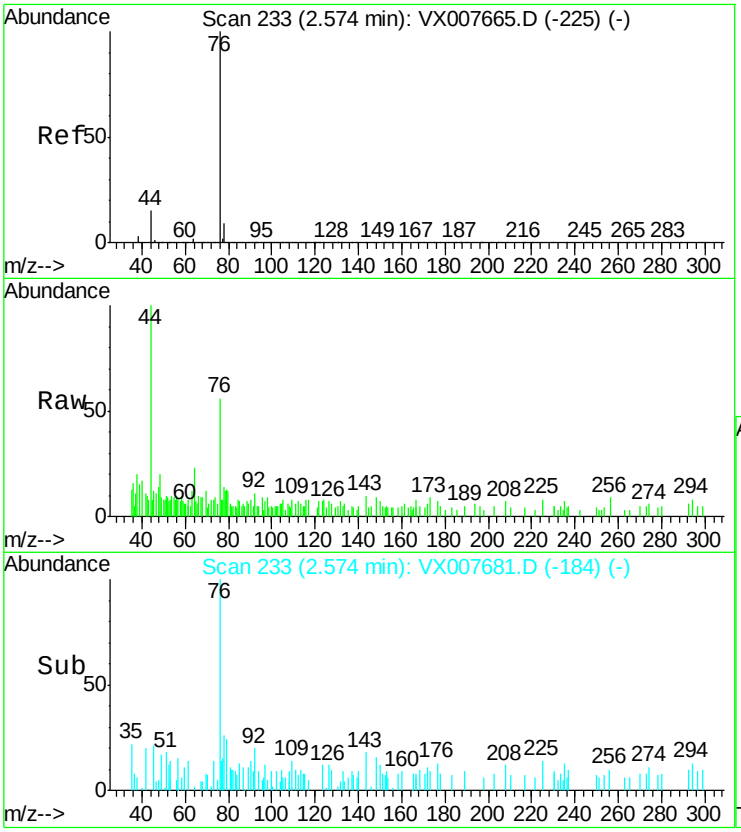


#16
Acetone
Concen: 4.695 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 43 Resp: 8672

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.9	37.3



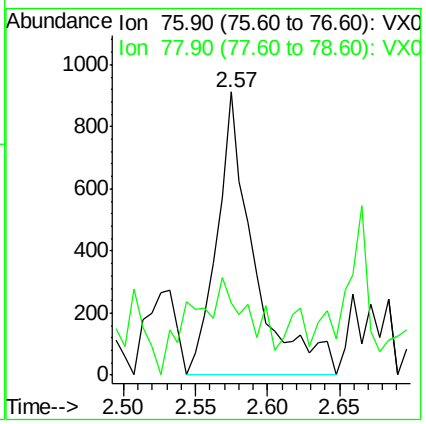


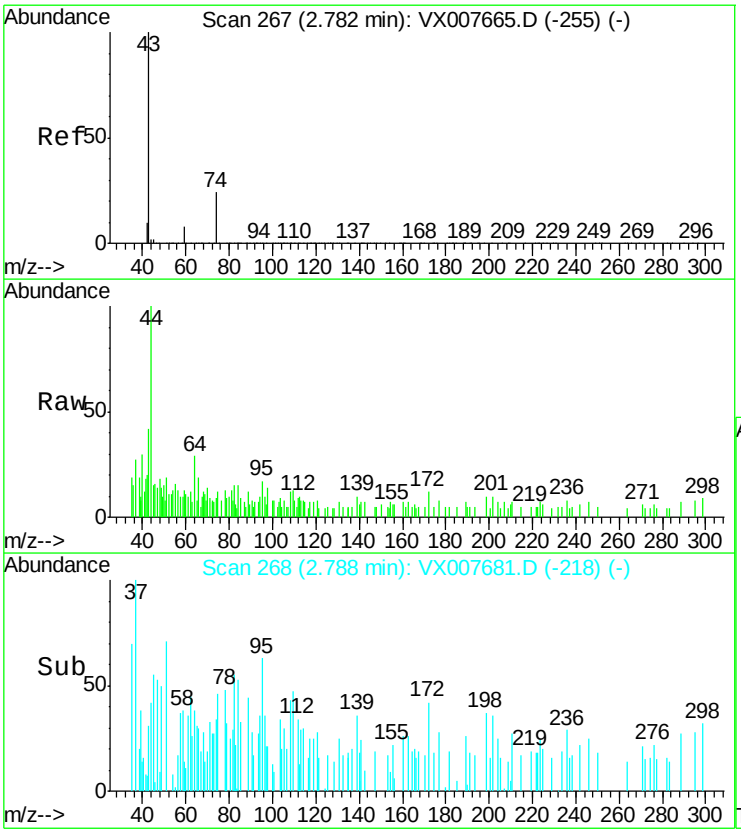
#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 76 Resp: 1643

Ion	Ratio	Lower	Upper
76	100		
78	12.6	7.1	10.7#

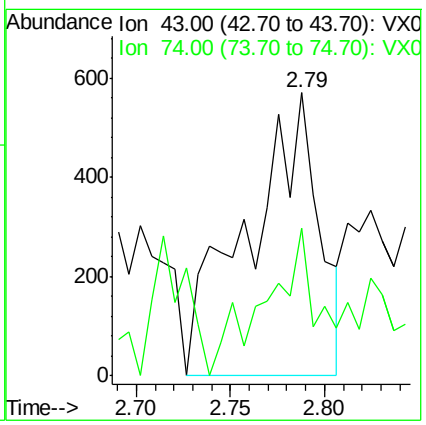


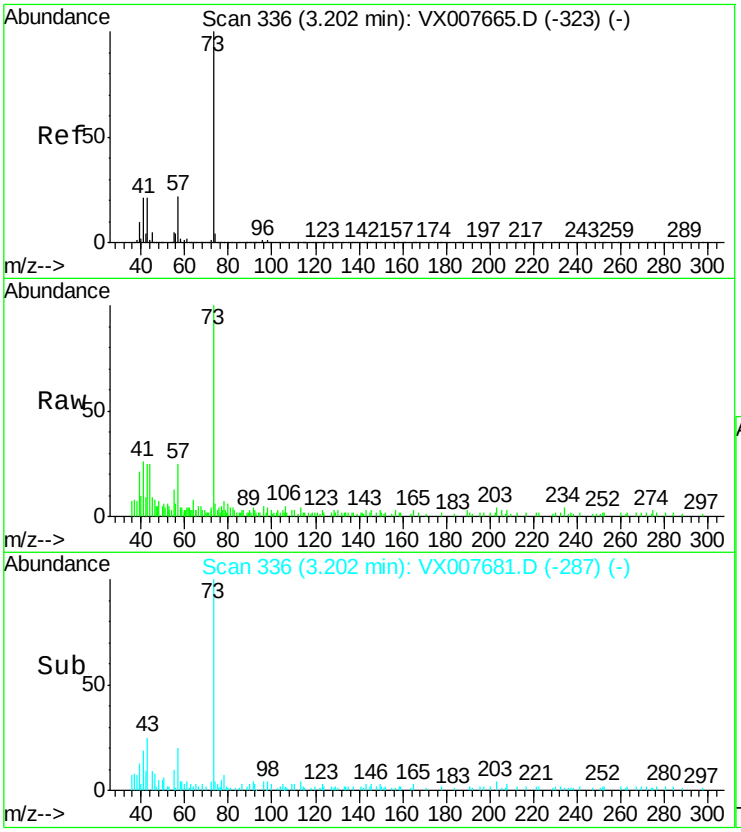


#18
Methyl Acetate
Concen: 0.372 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 43 Resp: 1499

Ion	Ratio	Lower	Upper
43	100		
74	22.3	19.4	29.2



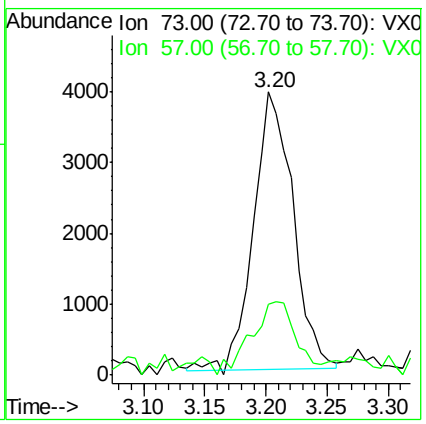


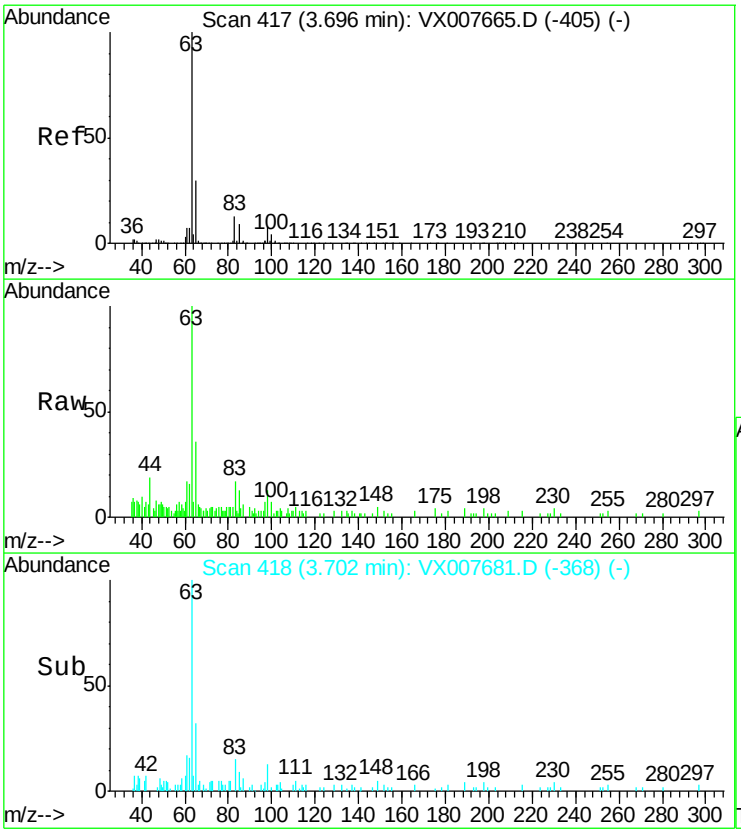
#19
Methyl tert-butyl Ether
Concen: 0.862 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 73 Resp: 8809

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.8	26.8

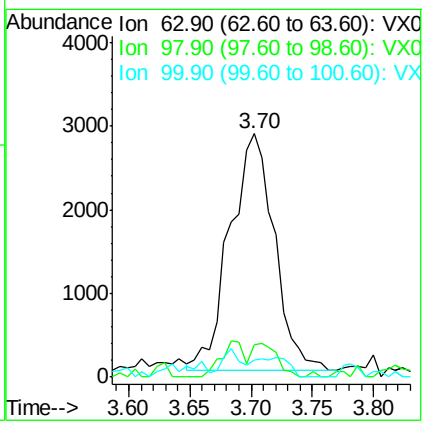


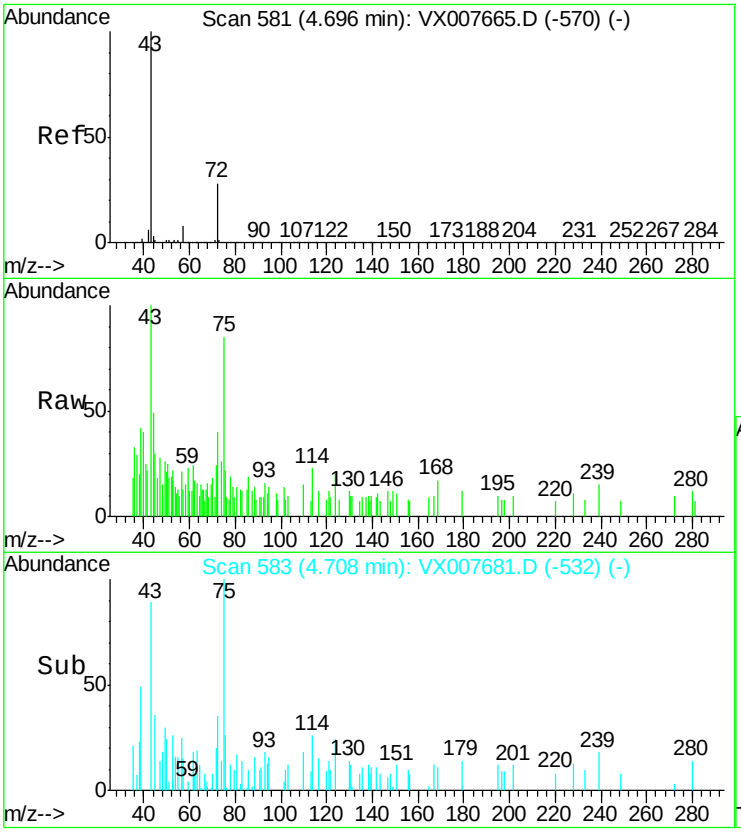


#24
1,1-Dichloroethane
Concen: 1.169 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 63 Resp: 7171

Ion	Ratio	Lower	Upper
63	100		
98	13.6	3.6	10.8#
100	7.2	2.5	7.4



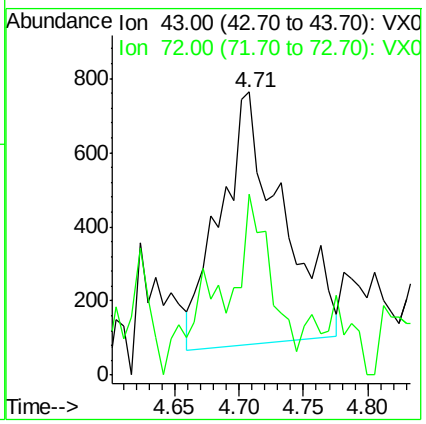


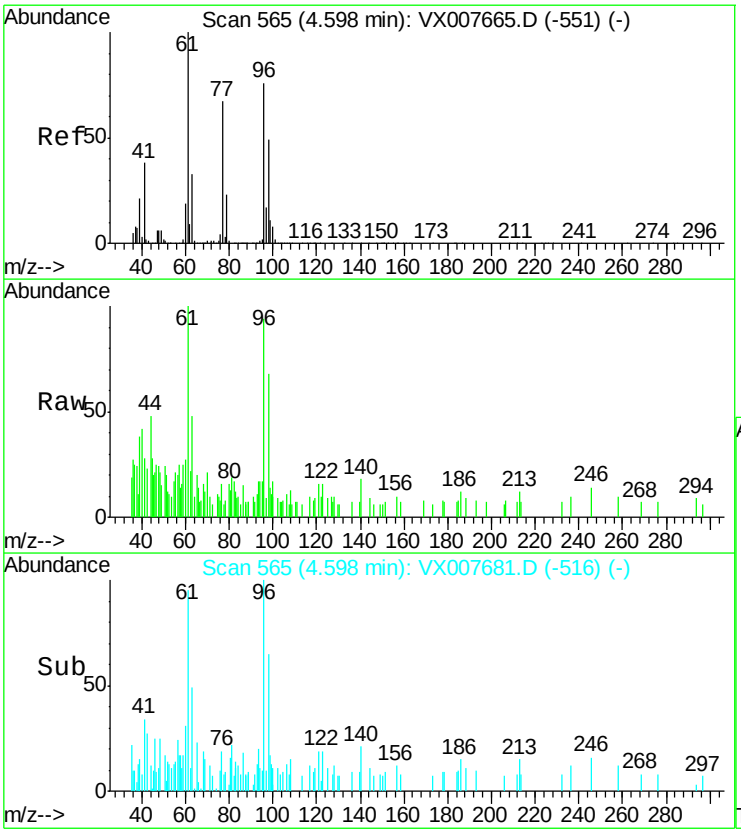
#25
2-Butanone
Concen: 0.802 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 43 Resp: 2256

Ion	Ratio	Lower	Upper
43	100		
72	64.4	22.2	33.2#

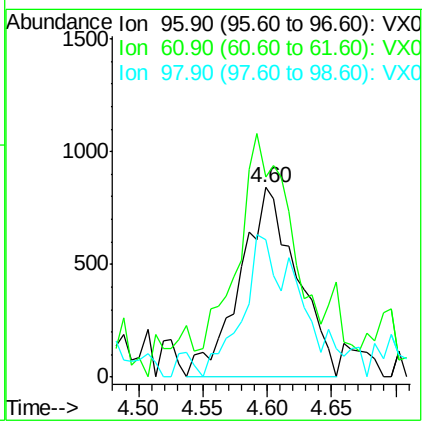


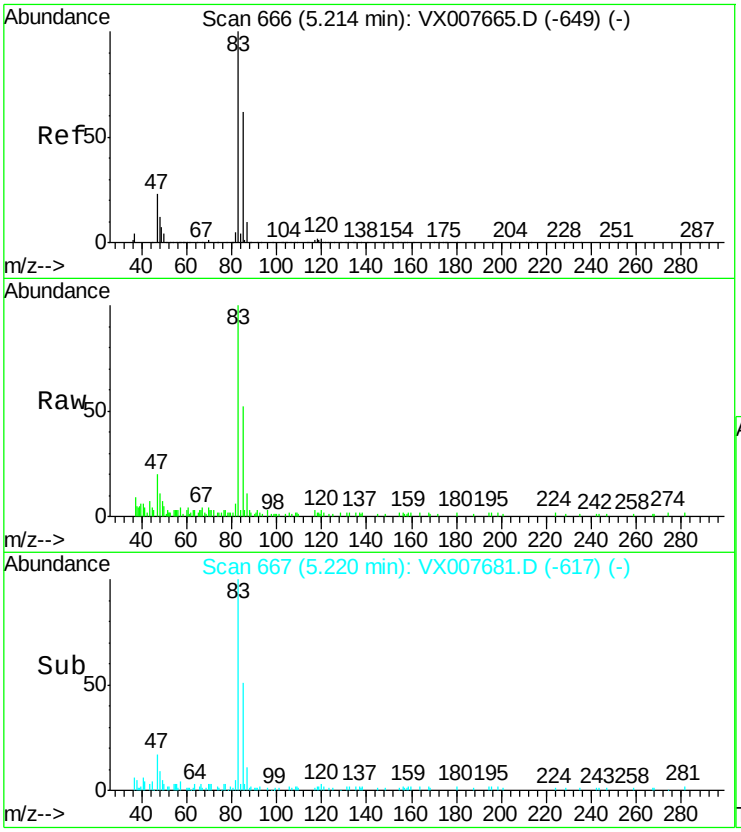


#27
cis-1,2-Dichloroethene
Concen: 0.636 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 96 Resp: 2582

Ion	Ratio	Lower	Upper
96	100		
61	102.6	0.0	265.6
98	45.7	0.0	131.6



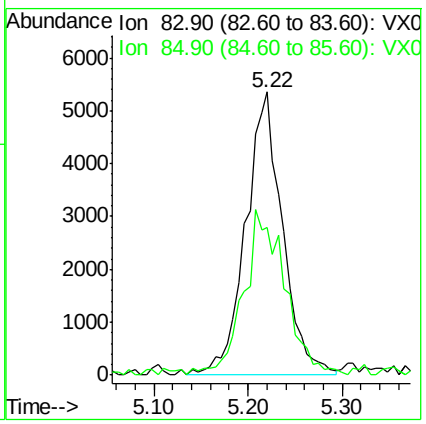


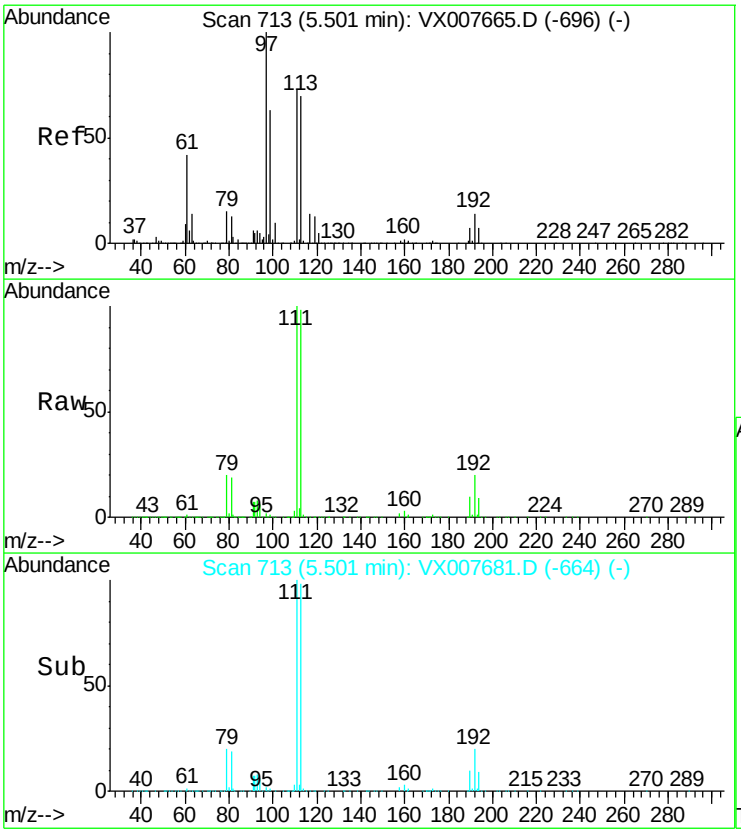
#30
Chloroform
Concen: 2.239 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 83 Resp: 14716

Ion	Ratio	Lower	Upper
83	100		
85	50.3	51.6	77.4#

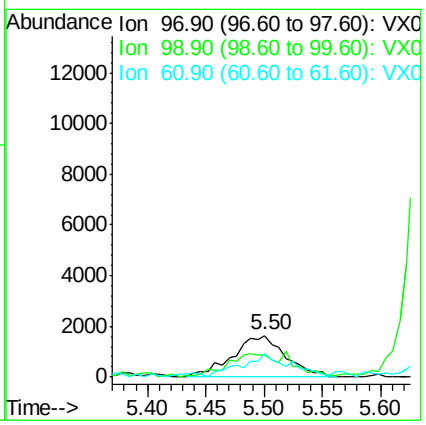


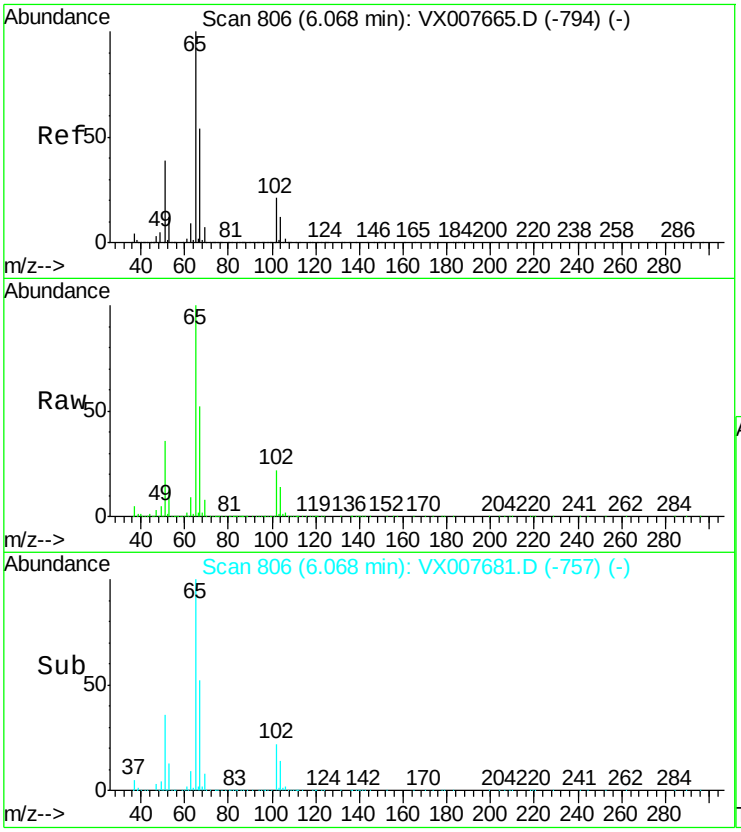


#32
1,1,1-Trichloroethane
Concen: 0.946 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 97 Resp: 5143

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2#
61	50.9	32.7	49.1#



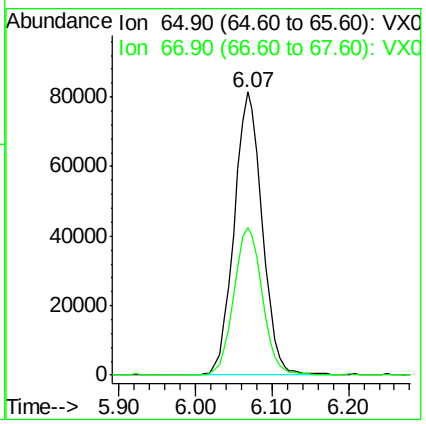


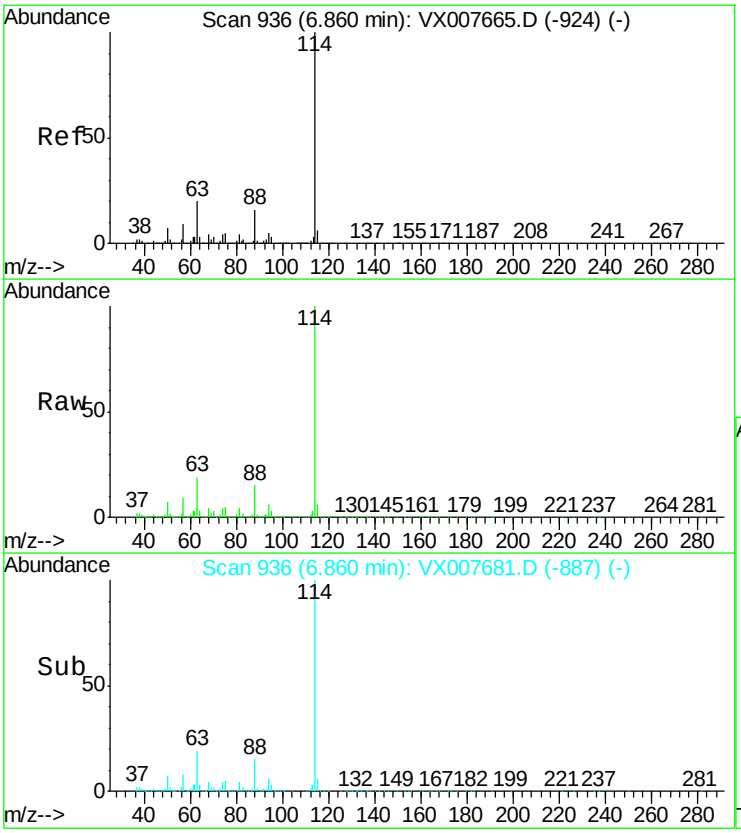
#33
1,2-Dichloroethane-d4
Concen: 49.491 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 65 Resp: 205556

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	108.8

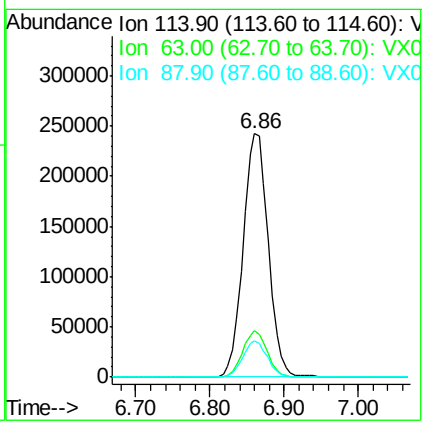


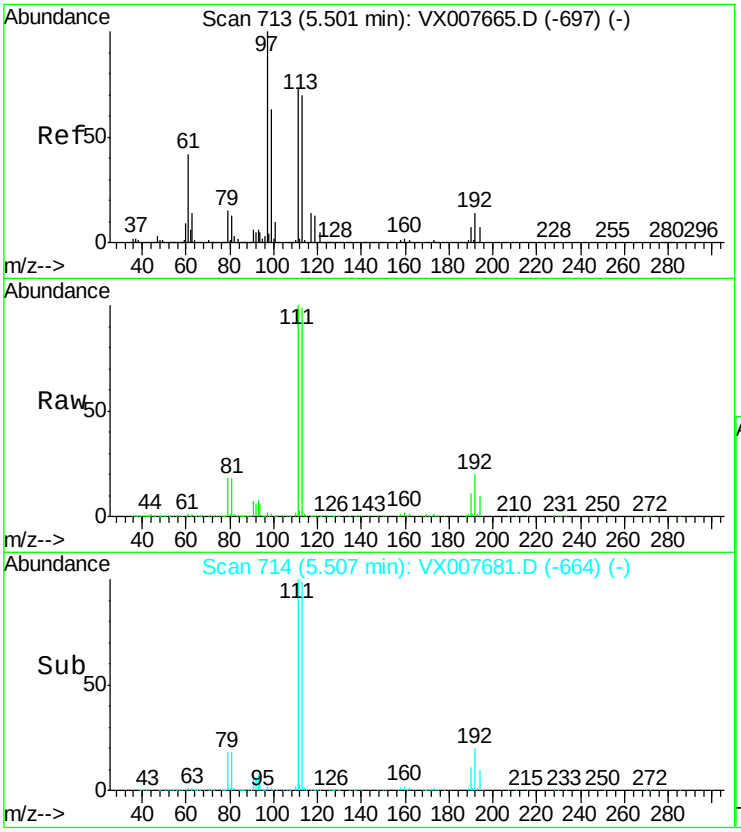


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion:114 Resp: 575532

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	35.6
88	15.0	0.0	29.6



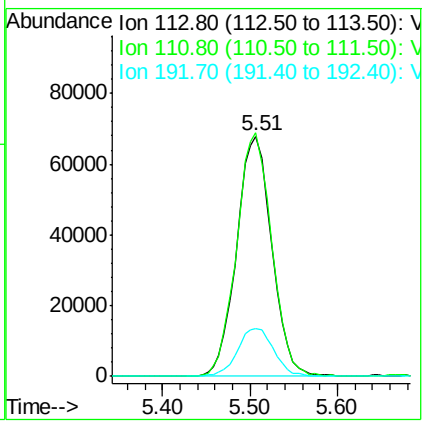


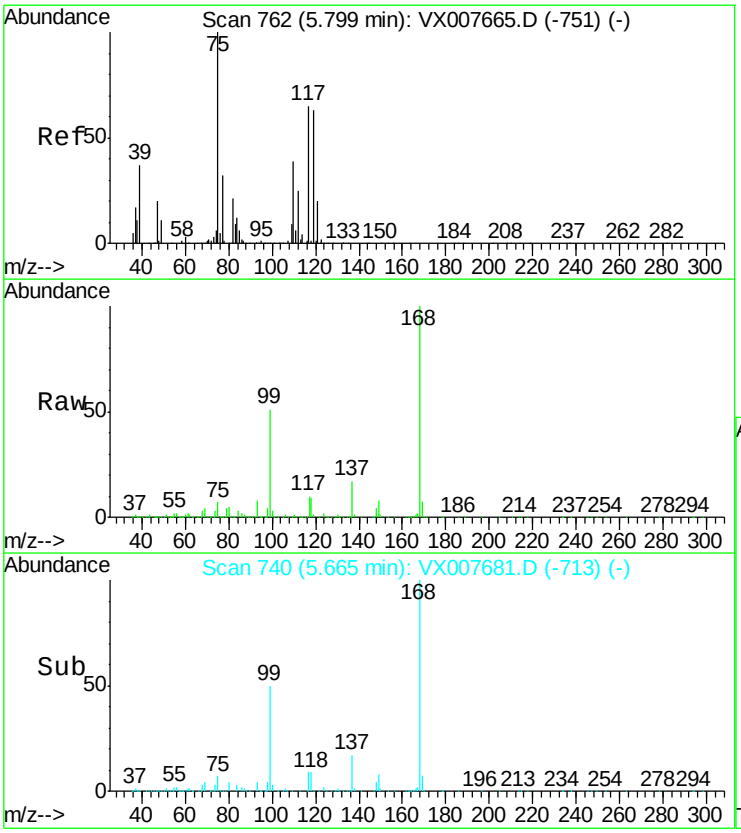
#35
Dibromofluoromethane
Concen: 49.332 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion:113 Resp: 189791

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	20.7	18.5	27.7

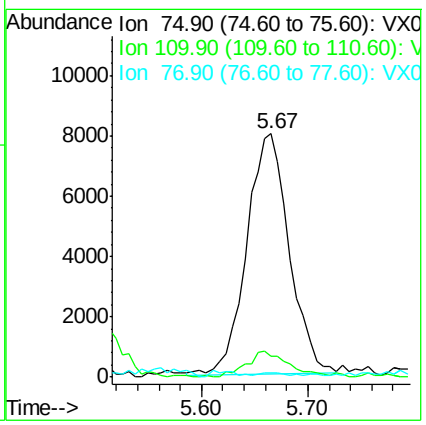


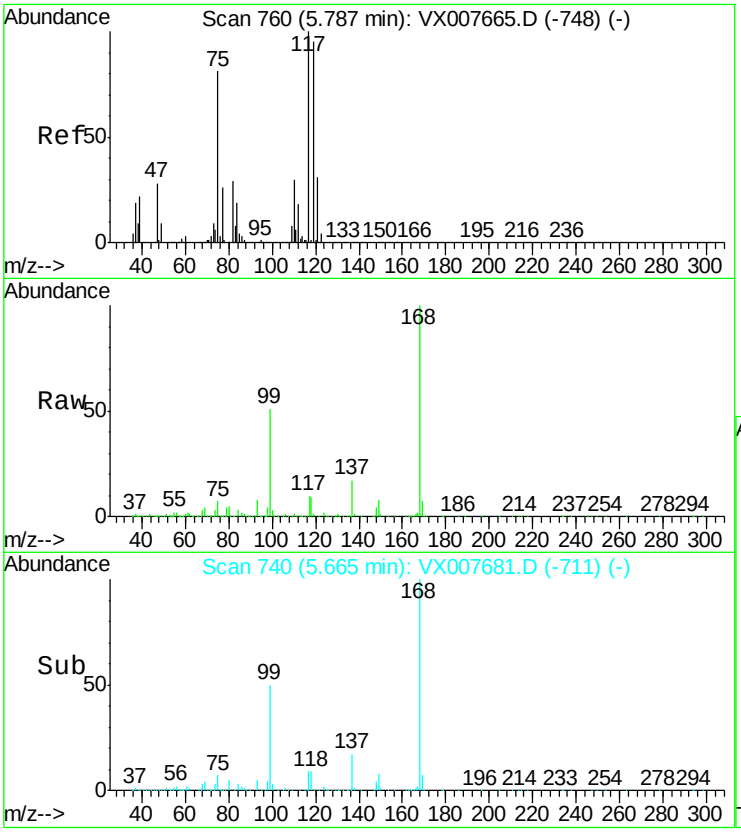


#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 75 Resp: 22420

Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.0	59.9#
77	0.7	24.7	37.1#



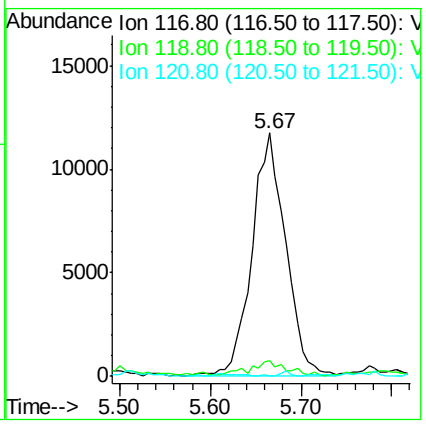


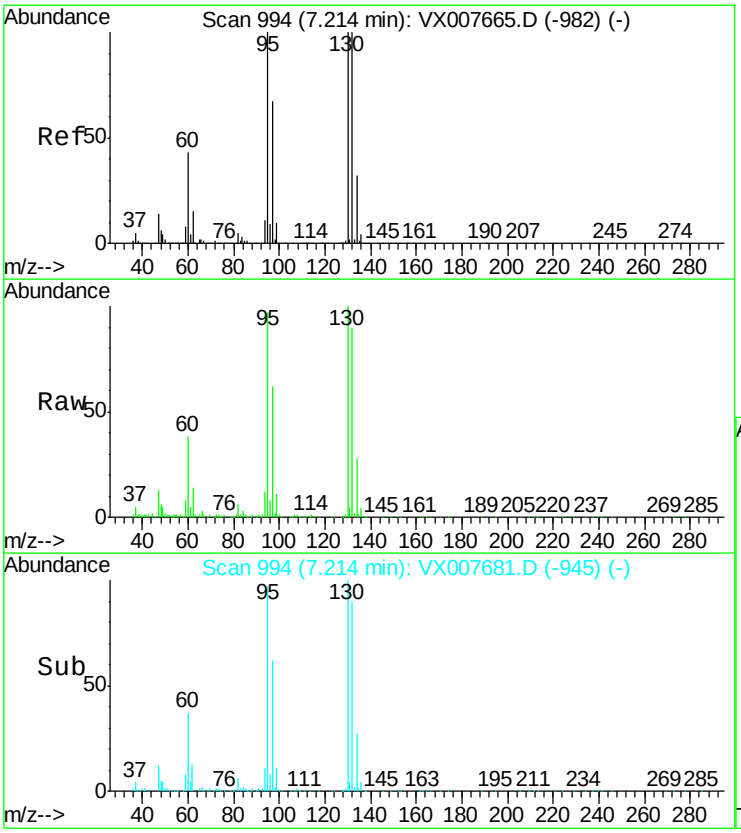
#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion:117 Resp: 30308

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.3	112.9#
121	0.0	25.0	37.4#

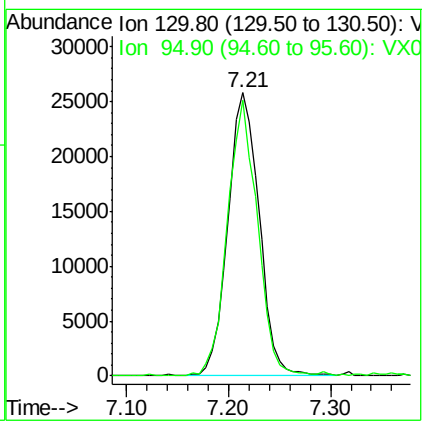


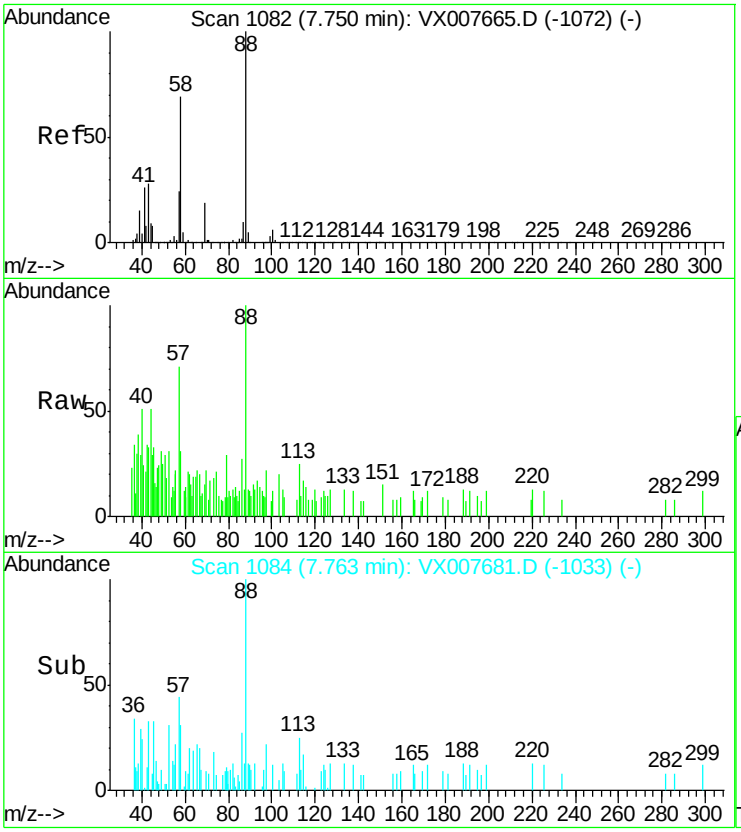


#44
Trichloroethene
Concen: 12.481 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion:130 Resp: 54841

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	180.0



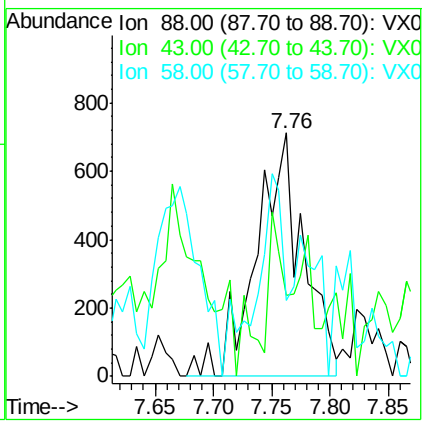


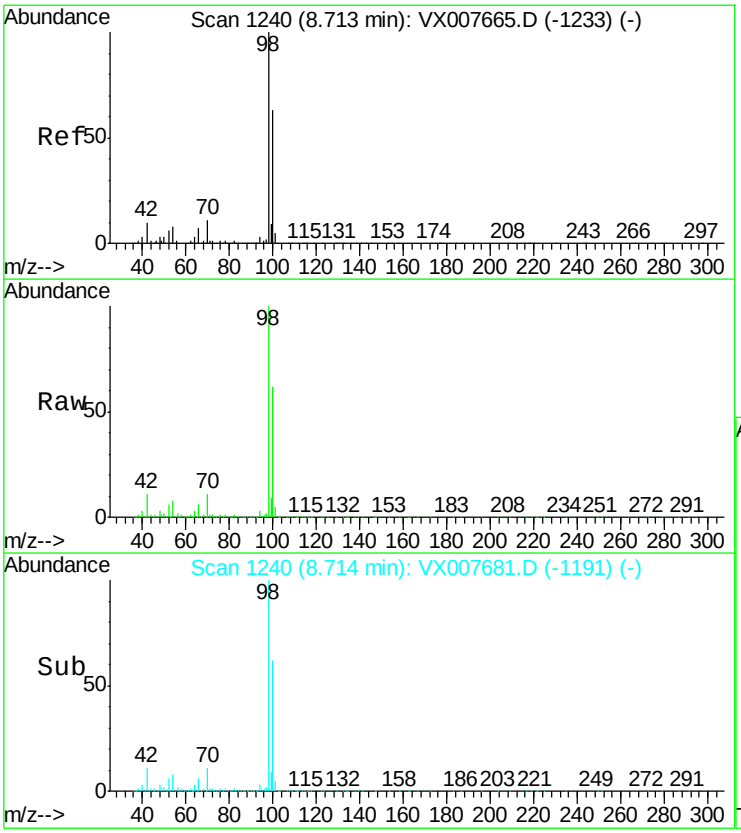
#49
1,4-Dioxane
Concen: 19.740 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 88 Resp: 1977

Ion	Ratio	Lower	Upper
88	100		
43	20.0	24.2	36.4#
58	53.4	53.0	79.4

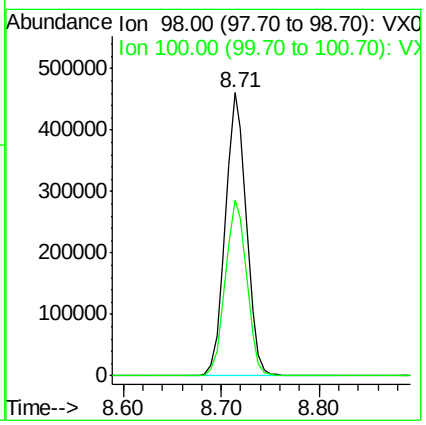


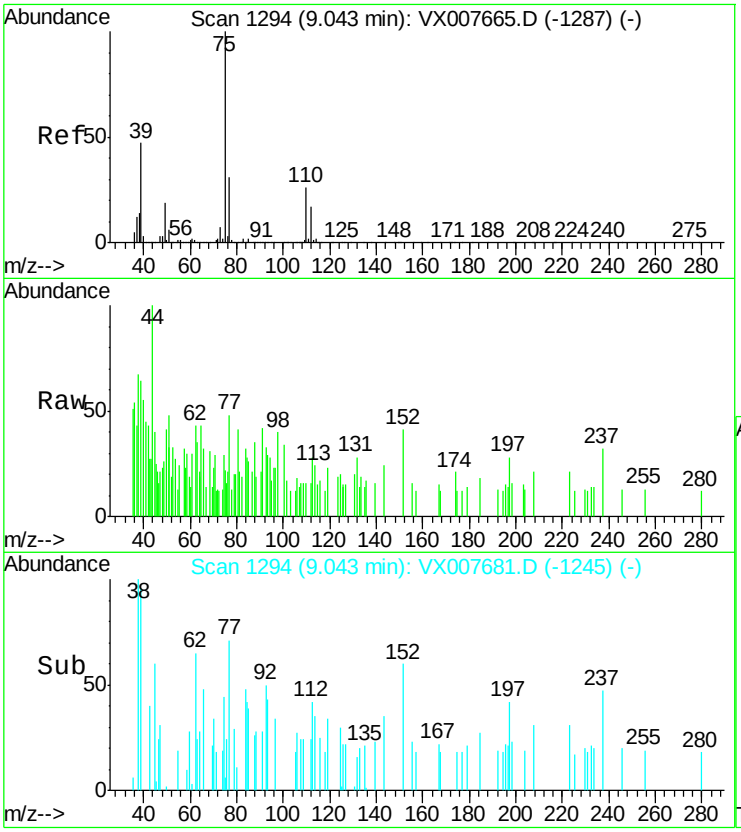


#50
Toluene-d8
Concen: 46.760 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 98 Resp: 688718

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.6	77.4



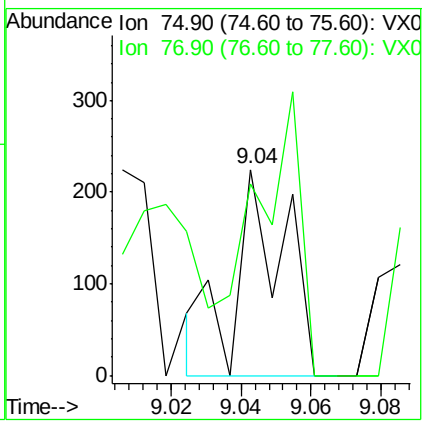


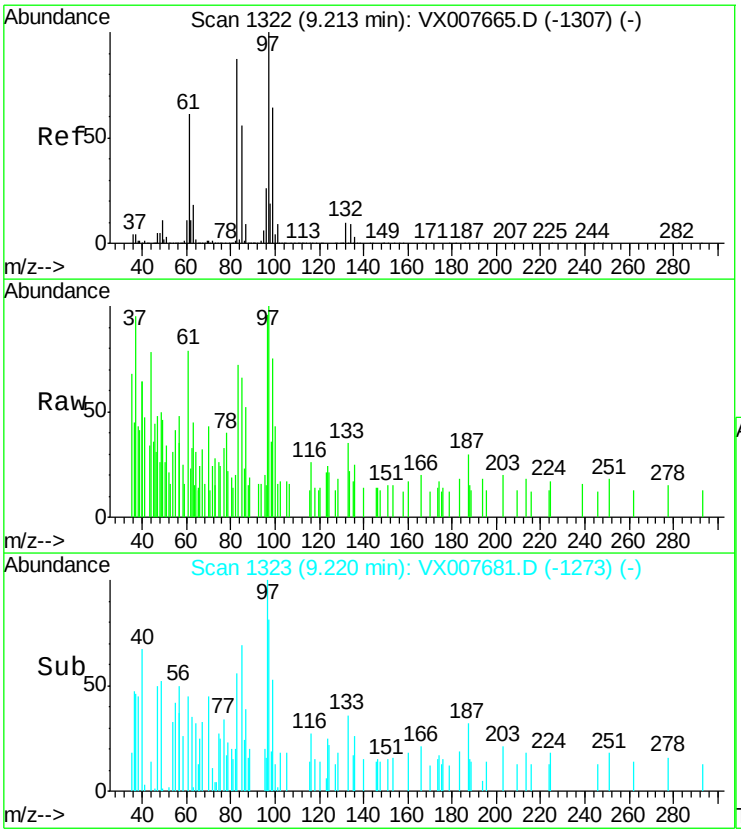
#53
t-1,3-Dichloropropene
Concen: 2.837 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 75 Resp: 224

Ion	Ratio	Lower	Upper
75	100		
77	68.9	25.2	37.8#

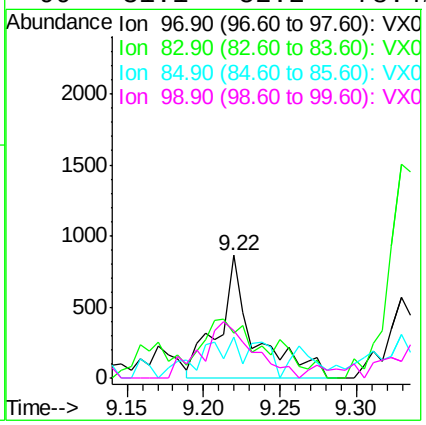


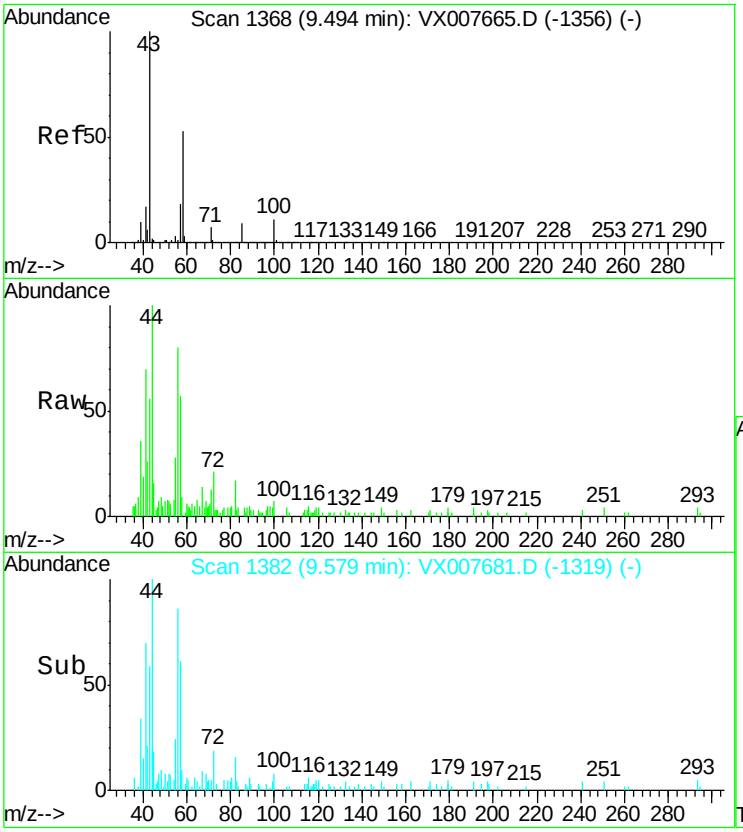


#55
1,1,2-Trichloroethane
Concen: 0.334 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 97 Resp: 1404

Ion	Ratio	Lower	Upper
97	100		
83	36.5	68.6	102.8#
85	22.9	44.5	66.7#
99	31.1	52.2	78.4#



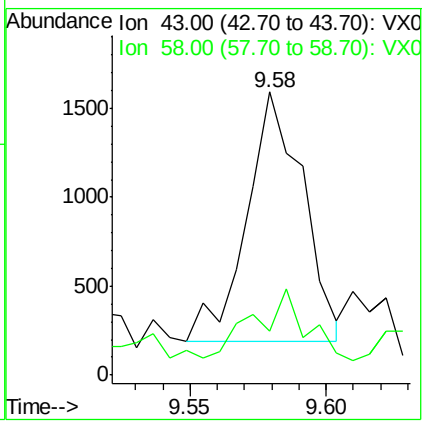


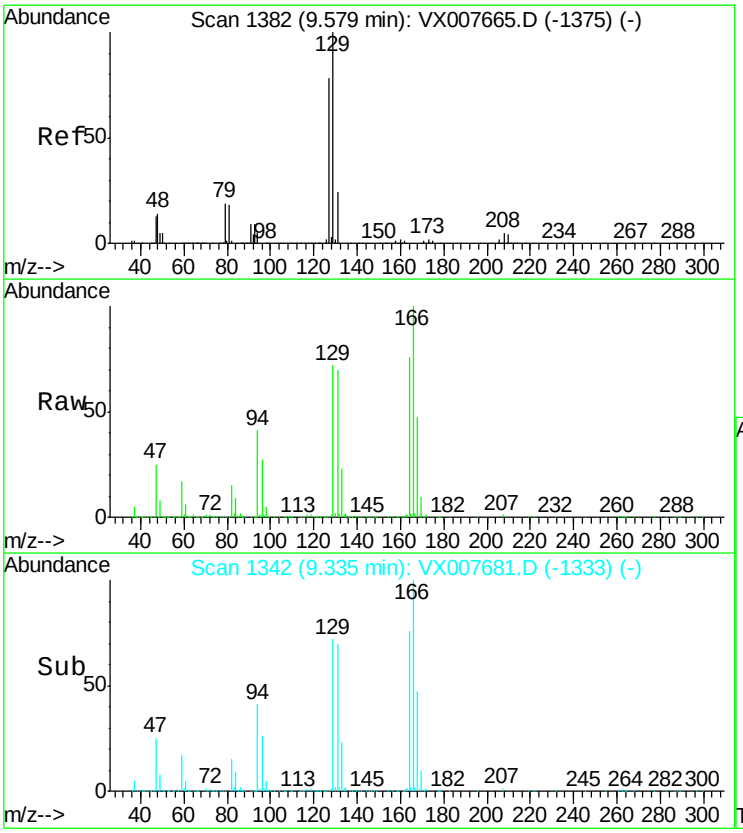
#59
2-Hexanone
Concen: 0.433 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.09 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 43 Resp: 2014

Ion	Ratio	Lower	Upper
43	100		
58	28.6	27.1	81.3

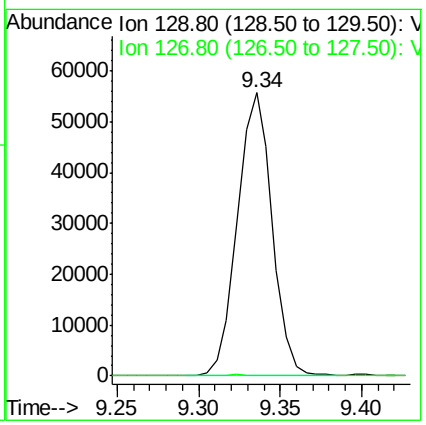


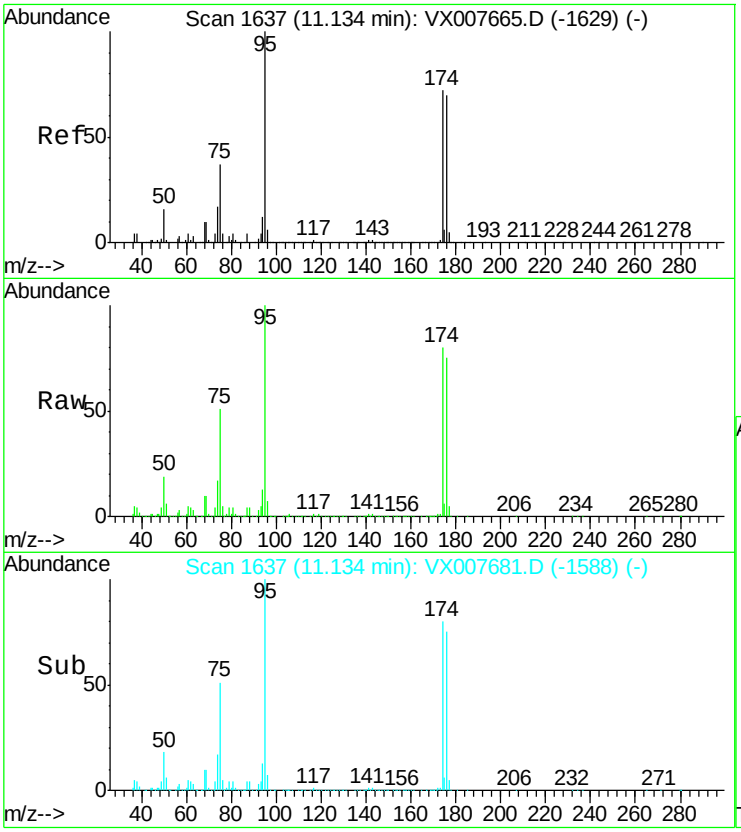


#60
Dibromochloromethane
Concen: 20.288 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion:129 Resp: 81994

Ion	Ratio	Lower	Upper
129	100		
127	0.3	37.8	113.4#



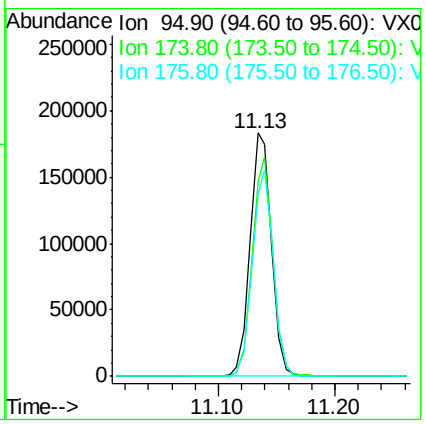


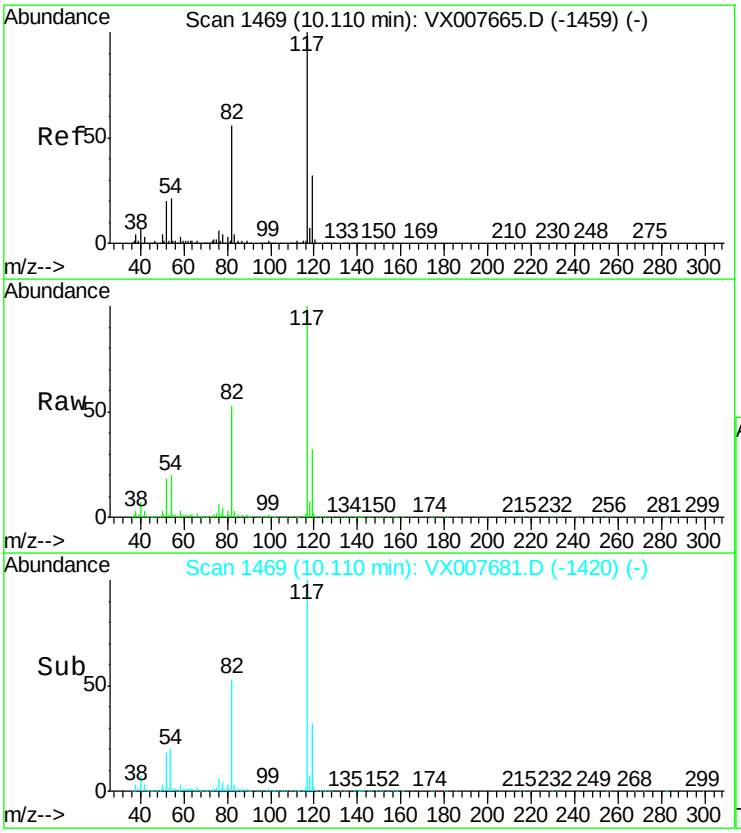
#62
4-Bromofluorobenzene
Concen: 43.243 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 95 Resp: 233768

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	189.2
176	82.8	0.0	186.2

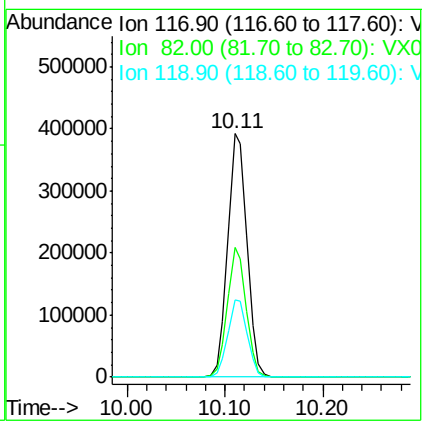


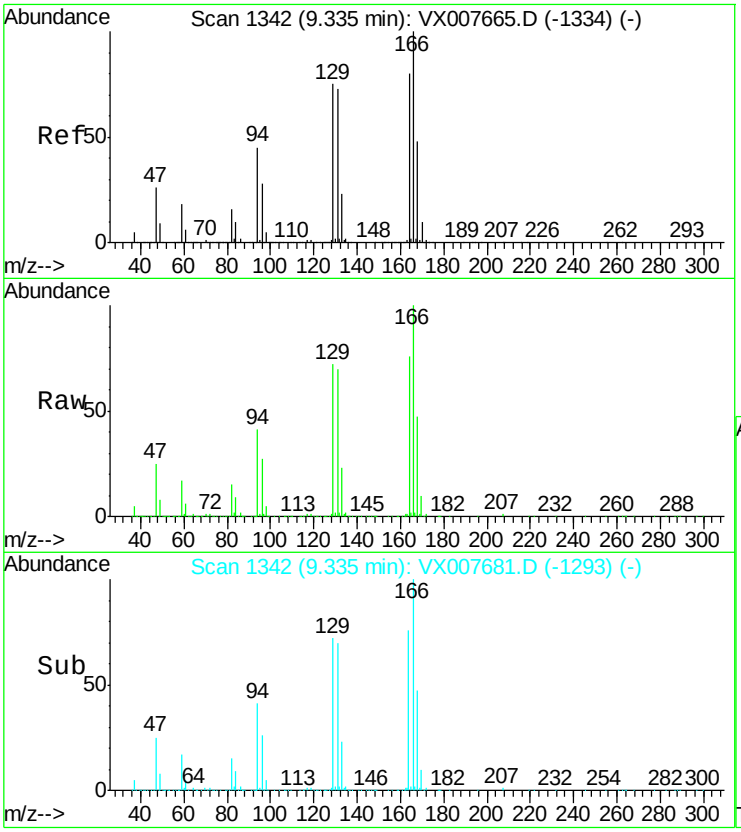


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion:117 Resp: 536921

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.1	63.1
119	31.6	26.5	39.7



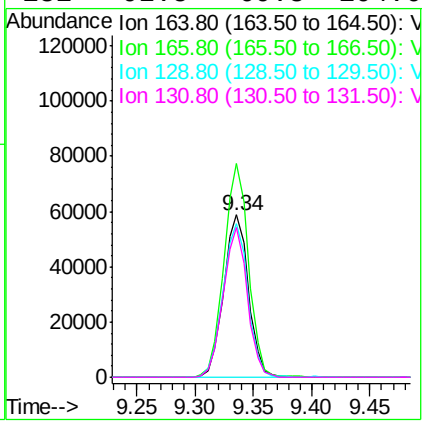


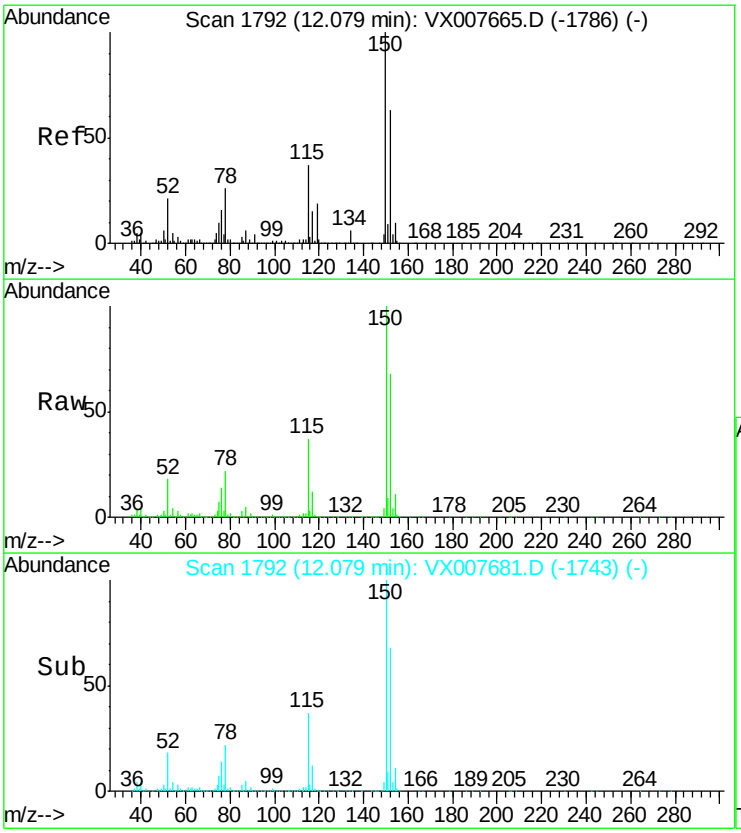
#64
Tetrachloroethene
Concen: 19.851 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion:164 Resp: 86526

Ion	Ratio	Lower	Upper
164	100		
166	131.7	101.0	151.4
129	94.7	70.5	105.7
131	92.5	69.8	104.6

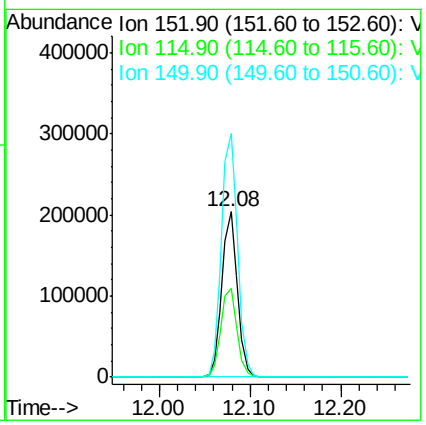


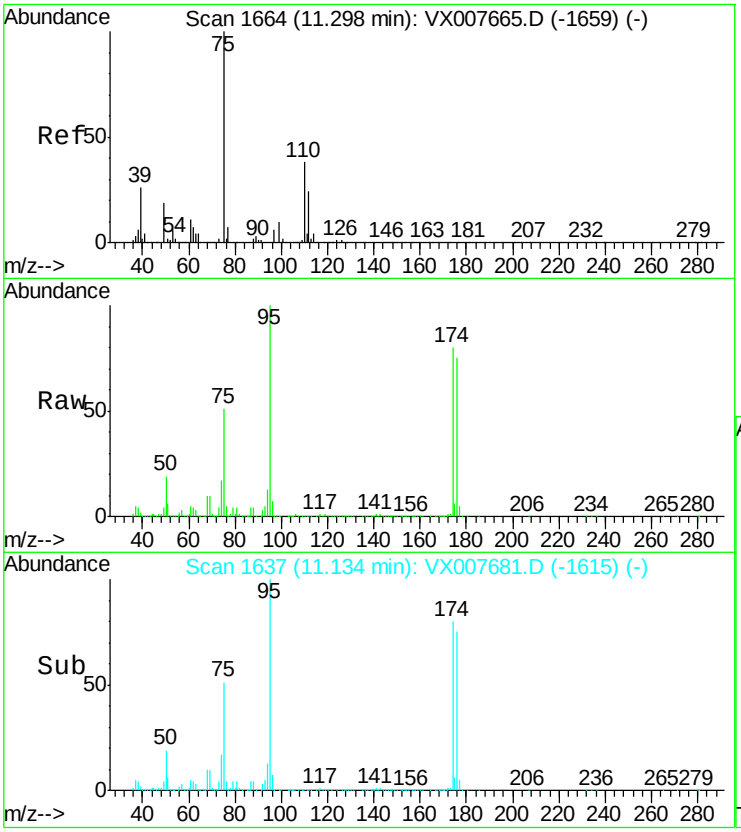


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion:152 Resp: 242572

Ion	Ratio	Lower	Upper
152	100		
115	55.9	38.0	114.0
150	153.6	0.0	346.4



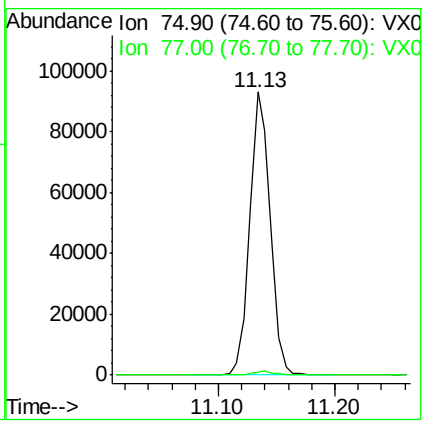


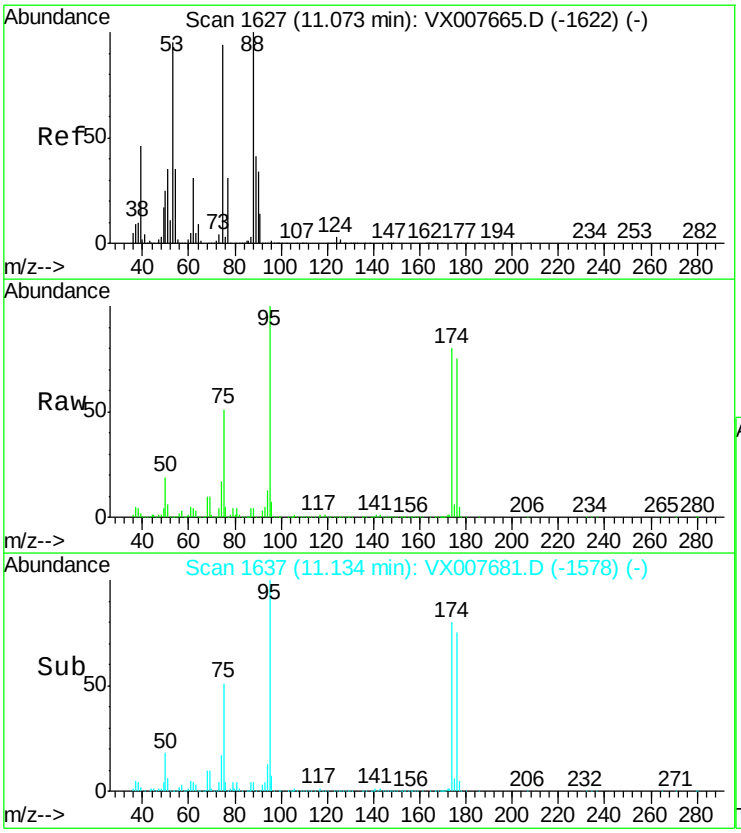
#76
1,2,3-Trichloropropane
Concen: 22.104 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-300-302

Tgt Ion: 75 Resp: 114292

Ion	Ratio	Lower	Upper
75	100		
77	1.5	23.0	69.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.678 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007681.D
Acq: 25 Feb 2019 18:33

Tgt Ion: 75 Resp: 114292

Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.0	121.6#
89	0.1	41.4	62.0#